

WHAT IS CLAIMED IS:

1. A circular stapler comprising:
 - a detachable anvil;
 - a head section coupled to the detachable anvil and having a head section cover; and
 - a cylindrical body which extends long and of which the top end is coupled to the head section,
 - wherein a recessed portion is formed in a side surface of the cylindrical body positioned under the head section cover.
- 10 2. The circular stapler according to claim 1, wherein the head section cover has a circular plate shape.
- 15 3. The circular stapler according to claim 2, wherein the head section comprises:
 - a cylindrical blade;
 - a staple holder having a plurality of staple slots which surround the outer circumferential portion of the cylindrical blade, staples being provided inside the staple slots;
- 20 4. The circular stapler according to claim 3, wherein the push member has a push member provided with a protruded portion inserted into the staple slots for pushing the staples; and
 - a support positioned under the push member and having a circular plate-shaped top for pushing the push member.
- 25 5. The circular stapler according to claim 3, wherein the push member has a circular plate-shaped housing and the protruded portion is formed on the circular plate-shaped housing.
- 30 6. The circular stapler according to claim 3, wherein the push member is coupled integrally to the support.
6. The circular stapler according to claim 3, wherein the circular plate-shaped top is made of steel.

7. The circular stapler according to claim 1, wherein the thickness of the head section cover in a longitudinal direction of the cylindrical body is set to 15 through 18 mm.

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8. The circular stapler according to claim 1, wherein the cylindrical body has an arch shape.

9. The circular stapler according to claim 1, further comprising a detachable 10 cap which is coupled and fixed to the recessed portion.

10. The circular stapler according to claim 1, further comprising a shaft which passes through the head section and the cylindrical body and extends long, wherein the diameter of the shaft is set to 1.0 through 1.5 mm.

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11. The circular stapler according to claim 1, further comprising a trigger which is provided at a lower portion of the cylindrical body to oppose the recessed portion and which pushes the support.